

# **Geometry, Measurement & Finance 10**

## **Leo Hayes High School – Mr. K. Gormley**

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444-5246

**Course Outline** - there are 3 main units which each cover various outcomes and chapters.

### **Unit 1 – Finance (28 classes)**

- Unit Pricing & Currency Exchange – Chapter 1
- Earning an Income – Chapter 2
- Financial Services – Chapter 3

### **Unit 2 – Measurement (28 classes)**

- Systems of Measurement & Conversions – Chapter 4
- Mass, Temperature & Volume – Chapter 5
- Surface Area, Volume & Capacity – Chapter 6

### **Unit 3 – Geometry (18 classes)**

- Angles & Parallel Lines – Chapter 7
- Trigonometry of Right Triangles – Chapter 8



Two outcomes that are not unique to any unit but explored during the whole course are: solving equations and spatial puzzles.

**Course Evaluation** – various types of assessments will be used to evaluate students' understanding and grasp of concepts. Monthly updated marks will be sent home via email (if supplied) and on paper (provided to students).

**Homework/Assignments/Projects – 25%**

**Quizzes/Tests – 30%**

**Unit Tests (2) – 15%**

**Exam – 30%**

### **Supplies & Text**

#### **Supplies**

- binder with looseleaf, scientific calculator, compass/protractor & pencils

#### **Text**

- Math Works 10 – replacement cost \$65.
- Electronic copy available on student portal under media.

### **Math 10 Courses**

For grade 10 math students are now required to take two courses which are each one semester in length. The two courses are: *Geometry, Measurement and Finance 10* and *Numbers, Relations and Functions 10*. It does not matter what order these courses are taken in and both must be passed to complete the grade 10 math requirement.

## **Classroom Policies**

1. **Homework, assignments and information pertaining to this course will be posted regularly on my wiki accessed by going to the LHHS website and choosing my name under the staff section or at <http://k-gormley-homepage.wikispaces.com>.**
2. Homework will be given on a regular basis. The purpose of homework is to practice skills learned in class and to be prepared to use these skills in further applications. Sometimes homework will be in the form of assignments which will have due dates and will be evaluated.
3. Late assignments will be given a maximum mark of 70% and must be passed in within 2 days. Assignments passed in after the 2 days will be given a maximum mark of 10%. Assignments not passed in receive a mark of 0.
4. Permission slips for field trips requesting to miss math class must be presented to Mr. Gormley at least 1 day in advance of the trip.
5. An exemption may not be granted in this course as per school policy. All students write the exam.
6. **Extra help** is available most noon hours – check the posted times in classroom. There is also a Math Help Centre available every noon hour by various teachers – check schedule.
7. The classroom is a positive learning environment where all are to be respected by each other. Part of this respect is being on time for class and being prepared to work. Detentions will be given for habitual tardiness and unpreparedness.
8. Students are not to have food/drink in class unless it is a drink with a screw top cover on it (ie: water bottle).
9. As per the school PED policy, PED's are not to be used in class and are to be turned off during class unless otherwise instructed by the teacher.
10. **An updated mark will be sent home at the end of every month in the form of an interim report. This report may be sent via email if one is provided below.**

**Please indicate that you have read this course outline by signing below.**

Student's Signature: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

Telephone: \_\_\_\_\_

Parent's Email: \_\_\_\_\_